PTO/SB/08a

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Uction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Ki	nown		•
Application Number	10/804,078		
Filing Date	March 19, 2004		
First Named Inventor	Jea-sun YOU et al.		
Art Unit	1744		
Examiner Name	Not Yet Assigned	Snider	
Attornou Docket Alumbas	146544 00429		

			U. S. PATENT C	POCUMENTS	
Examiner nitials*	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
niuais*		Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/TTS/_	1	US-2002/0153185A1	10-24-2002	Song et al.	
		US-			
	1	US-			
		US-			
	1	US-			
		US-			
		US-	17		
		US-			
	Ī	US-			
	1	US-			

		FOREIG	N PATENT DOCUMENT	s		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	70
Initials*	No.'	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
/TTS/	2	JP4-352925	08-12-1992	Tokyo Electric Co. Ltd.		
/TTS/	3	JP2004-135992	05-13-2004	Mitsubishi Electric Corp.		
/11S/	4	JP2000-5106	01-11-2000	Hitachi Ltd.		
/TTS/	5	GB2344745A	06-21-2000	Notetry Limited		
/TTS/	6	JP10-151097	06-09-1998	Tokyo Electric Co. Ltd.		

Examiner Signature	/Theresa Snider/	Date Considered	03/22/2007

\*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



TO/SB/08b (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE tion Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			Complete if Known			
				Application Number	10/804,078	
	NFORMATION D			Filing Date	March 19, 2004	
S	TATEMENT BY	AP	PLICANI	First Named Inventor	Jea-sun YOU et al.	
	(Use as many sheets	as nec	essary)	Art Unit	1744	
				Examiner Name	Not Yot Assigned Snider	
Sheet	2	of	2	Attorney Docket Number	116511-00128	

		NON PATENT LITERATURE DOCUMENTS	
Examiner nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/TTS/	7	Combined Search and Examination Report (issued September 22, 2004) issued from the Great Britain Patent Office for British Patent Application No.: GB0409305.0	
,			
		·	
Examiner Signature		/Theresa Snider/ Date 03/22/2007	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995,

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Ki	nown	
Application Number	10/804,078	
Filing Date	March 19, 2004	
First Named Inventor	Jea-sun YOU et al.	
Art Unit	1744	
Examiner Name ·	Not Yot Assigned Snider	
Attorney Docket Number	116511-00128	

U. S. PATENT DOCUMENTS						
Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
1	US-					
	US-					
	US- US-					
	US- US-					
	US- US-					
	US- US-					
	US-					
	US-					
	US-					
	Cite No. <sup>1</sup>	Number-Kind Code <sup>2 (f known)</sup>   1	Cite No.1   Document Number   Number-Kind Code <sup>2 (if known)</sup>   Publication Date   MM-DD-YYYY     1	Cite No.   Document Number   Publication Date   Name of Patentee or   Applicant of Cited Document		

		FOREIG	N PATENT DOCUMENT	rs		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date '	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
/TTS/	2	KR 1020030013008 A	02/14/2003	Samsung Gwangju . Electronics Co., Ltd.	English Abstract	
/TTS/	3	KR 1019940000712 B1	01/28/1991	Daewoo Electronics Co.	English Abstract	
	4					
	5	,				
	6					

Examiner Signature	/Theresa Snider/	•	Date Considered	03/22/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. 6 Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, ncluding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450. for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TO/SB/08b (08-03) Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 180 Approved to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

2

Sheet

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if K	nown	١
Application Number	10/804,078	_
Filing Date	March 19, 2004	-
First Named Inventor	Jea-sun YOU et al.	_
Art Unit	1744	_
Examiner Name	Not Yot Assigned Snider	
Attorney Docket Number	116511-00128	7

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/TTS/		Official Action issued February 21, 2005 from the Korean Intellectual Property Office with respect to Korean Patent Application No. 2003-51139	

Examiner Signature	/Theresa Snider/	Date Considered 03/22/20	007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ZIP TOTAL

MAY 2 3 2005

Sheet

PTO/SB/08a Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

TRADEM Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/804,078			
Filing Date	March 19, 2004			
First Named Inventor	Jea-sun YOU et al.			
Art Unit	1744			
Examiner Name	Not Yet Assigned Snider			
Attorney Docket Number	116511-00128			

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (d known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/TTS/		US-6,459,955	10/01/2002	Bartsch et al.	
/TTS/	_ ]	US-5,839,156	11/24/1998	Park et al.	
		US-		-	
		US-			
		US-			
		US-			
<u> </u>		US-			
		US-			
VIII		US-			
		US-			-
		US-			
		US-			
		us-	1	T I	
	1	US-	†—————————————————————————————————————	<b>†</b>	
	1	US-	<u>†                                      </u>	<del></del>	·
		us-	† ·	† †	<del></del> -
		US-		<del>†</del> . †	
		US-		<del></del>	

2

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	To.	
				<u> </u>		1	

Examiner Signature	/Theresa Snider/	Date Considered	03/22/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 8 Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, nctuding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute	e for form 1449A/PT0	<b>o</b> ·		Complete if Known			
					Application Number	10/804,078		
INFORMATION DISCLOSURE					Filing Date	March 19, 2004		
STATEMENT BY APPLICANT				PLICANI	First Named Inventor	Jea-sun YOU et al.		
		(Use as many sh	eets as nece	essary)	Art Unit	1744		
					Examiner Name	Not Yet Assigned Snider		
Shee	et	2	of	2	Attorney Docket Number	116511-00128		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²			
/TTS/		RUSSIAN PATENT OFFICE, Official Action issued April 26, 2005 with respect to Russian Patent Application No. 2004113260 filed April 28, 2004	1			
		·				
,		·				
•						

Examiner Signature	/Theresa Snider/	Date Considered	03/22/2007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act 0 99508AB ins are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/804,078	***		
Filing Date	March 19, 2004			
First Named Inventor	Jea-sun YOU et al.			
Art Unit	1744			
Examiner Name	Not Yet Assigned Snider			
Attorney Docket Number	116511-00128			

of Sheet U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where **Publication Date** Name of Patentee or Cite No. **Document Number** Examiner Initials\* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code<sup>2</sup> (if kno Figures Appear US-US US-US-US-US-US-US-US-US-US-US-US-US. US-US USus-

2

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>	
/TTS/		JP 05-343496	12/24/1993	Hitachi Ltd.		Abstract	
_							

		Date	
Examiner Signature	/Theresa Snider/	Considered	03/22/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, 6 Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitu	ute for form 1449A/PTO			Complete if Known			
	15154		DICC	N OOUDE	Application Number	10/804,078		
					Filing Date	March 19, 2004		
	STATEMENT BY APPLICANT				First Named Inventor	Jea-sun YOU et al.		
		(Use as many she	ets as nece	essary)	Art Unit	1744		
					Examiner Name	Not Yet Assigned Snider		
She	et	2	of	2	Attorney Docket Number	116511-00128		

		NON PATENT LITERATURE DOCUMENTS	
Examiner nitials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/TTS/		BRITISH PATENT OFFICE, Examination Report issued May 26, 2005 with respect to British Patent Application No. 0409305.0 on April 27, 2004	
		·	
		·	
	ļ		
Examiner Signature		/Theresa Snider/ Date Considered 03/22/2007	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ersons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Rec

Substitute for form 1449A/PTO

Sheet

Examiner

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if K	nown	
Application Number	10/804,078	
Filing Date	March 19, 2004	
First Named Inventor	Jea-sun YOU et al.	
Art Unit	1744	
Examiner Name	Not Yet Assigned Snider	
Attorney Docket Number	116511-00128	

			U. S. PATENT DO	CUMENTS	
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*		Number-Kind Code <sup>2 (d known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
	. T	US-			
		US-			<del></del>
	T	US-			
		US-		1	
		US-	******		
		US-			
		US-			
		US-		†	<del></del>
		US-			
		US-			
	1	US-	***************************************		
	1	US-			
	İ	US-			
		US-	·		
	Î	US-			
		US-		1	
		US-		†	

		FOREIG	N PATENT DOCUMENT	rs		
Examiner	Cite	Foreign Patent Document	Publication Date		Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T°
/TTS/		CN 2389761Y	8/2/2000	Mano Schinichiro et al.		Abstract
/TTS/		JP 10-075918	3/24/1998			Abstract
				·	L	

/Theresa Snider/ 03/22/2007 Signature Considered \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0551-0031 U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction and The Co rsons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

/Theresa Snider/

2

Complete if K	nown	
Application Number	10/804,078	
Filing Date	March 19, 2004	
First Named Inventor	Jea-sun YOU et al.	
Art Unit	1744	
Examiner Name	Not recessioned Snider	
Attorney Docket Number	116511-00128	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/TTS/		CHINESE PATENT OFFICE, Office Action issued December 16, 2005 with respect to corresponding Application No. 200410032123.X filed on April 1, 2004	Yes	
•				
·····				
,				

		•
*EXAMINER: Initial if reference considered, considered. Include copy of this form with nex	with MPEP 609. Draw line to	hrough citation if not in conformance and no

Date

03/22/2007

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Examiner

Signature

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08a

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if K	nown
Application Number	10/804,078
Filing Date	March 19, 2004
First Named Inventor	Jea-sun YOU et al.
Art Unit	1744
Examiner Name	NorverAssigned Snider
Attorney Docket Number	116511-00128

			U. S. PATENT DO	CUMENTS	
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*		Number-Kind Code <sup>2 (f known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US			
		US-			
		US-			
		US-			
		US			
		US-			

2

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.'	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>©</sup>
		JD 10 076018	03/34/4009	TEC Com		Abstract
/TTS/		JP 2001-219020	06/14/2001	Aiho Kogyo KK		Abstract
vaminer				Date		

		The second secon	
Examiner Signature	/Theresa Snider/	Date Considered	03/22/2007

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, notuding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patenta, P.O. Box 1450, Alexandria, VA 22313-1450.



TO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known Application Number 10/804,078 INFORMATION DISCLOSURE Filing Date March 19, 2004 STATEMENT BY APPLICANT First Named Inventor Jea-sun YOU et al. (Use as many sheets as necessary) Art Unit 1744 Not Yet Assigned **Examiner Name** Snider Sheet Attomey Docket Number 116511-00128 2 of 2

		NON PATENT LITERATURE DOCUMENTS	
Examiner nitials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/TTS/		JAPANESE PATENT OFFICE, Office Action issued July 25, 2006 with respect to Japanese Patent Application No. 2004-33753 filed on February 10, 2004	No
		·	-
		·	
,			
Examiner Signature		/Theresa Snider/ Date Considered 03/22/2007	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.